

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start		Rating **	A	Issue No.	27
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals				
DWR ID	DWR_NA0016_01_s _ 2013_27				
Comment Code					
Inspector Comment					
District has the levee O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	28
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment				
DWR ID	DWR_NA0016_01_s _ 2013_28				
Comment Code					
Inspector Comment					
District maintains a stockpile of flood response material.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start		Rating **	A	Issue No.	35
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_NA0016_01_s_2013_35				
Comment Code					
Inspector Comment					
District has flood response plans and maintains flood response training.					

No Photos

LM Start	0.08	Rating **	A/W	Issue No.	104
LM End	0.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.800642	°	38.802413
			-121.724723	°	-121.724317
DWR ID	DWR_NA0016_01_s_2016_104				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	0.14	Rating **	M	Issue No.	1551
LM End	0.14	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.801471 °	38.801471 °
				-121.725171 °	-121.725171 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10087 DS_ID:20224 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Headwall on WS undermined about 3-4-feet. FIELD_STRUCT_DESC: 1 of 3: 36-inch steel drainage pipe through the levee, 30.0 feet below the crown. Flap gate on the waterside (WS) end. 24-inch pipe sleeved through the 36-inch pipe. Annular space between pipes grouted. Pumps in pump house with walkway on landside (LS) toe. [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 0.15)]. FS Date: 3/12/2013					

Photo 1 of 3 : UCIP_SP_2018_10087_17235.jpg



Pumphouse at LS toe.

LM Start	0.14	Rating **	M	Issue No.	1551 (cont)
LM End	0.14	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2018_10087_17234.jpg



Air vents at outlet on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	0.14	Rating **	M	Issue No.	1552 (cont)
LM End	0.14	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.801479 °	38.801479 °
				-121.725176 °	-121.725176 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:10085
DS_ID:20356
EP_NO: N/A
Repair Type: Non-Urgent
Crossing Status: Found
UCIP Comments: Headwall undermined 3-4-feet on WS toe.
FIELD_STRUCT_DESC: 2 of 3: 36-inch steel drainage pipe through the levee, 30 feet below the crown. Flap gate on the waterside (WS) end. 24-inch pipe sleeved through the 36-inch pipe. Annular space between pipes grouted. Pumps inside pump house with a walkway on the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 0.15)].
FS Date: 3/12/2013

LM Start	0.14	Rating **	M	Issue No.	1552 (cont)
LM End	0.14	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2018_10085_17226.jpg



Air vents on pipes at WS toe.

Photo 3 of 3 : UCIP_SP_2018_10085_17225.jpg



Slide gates at pumphouse on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	0.14	Rating **	M	Issue No.	1553
LM End	0.14	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.801491 °	38.801491 °
				-121.725184 °	-121.725184 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10910 DS_ID:20357 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Headwall undermined 3-4-feet on WS toe. FIELD_STRUCT_DESC: 3 of 3: 36-inch steel drainage pipe through the levee, 30 feet below the crown. Flap gate on the waterside (WS) end. 24-inch pipe sleeved through the 36-inch pipe. Annular space between pipes grouted. Pumps inside pump house with a walkway on the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 0.15)]. FS Date: 3/12/2013					

Photo 1 of 3 : UCIP_SP_2018_10910_18185.jpg



Pumphouse on LS toe.

LM Start	0.14	Rating **	M	Issue No.	1553 (cont)
LM End	0.14	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2018_10910_18184.jpg



Air vents on pipes at WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	0.14	Rating **	M	Issue No.	1553 (cont)
LM End	0.14	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.801491 °	38.801491 °
				-121.725184 °	-121.725184 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10910 DS_ID:20357 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Headwall undermined 3-4-feet on WS toe. FIELD_STRUCT_DESC: 3 of 3: 36-inch steel drainage pipe through the levee, 30 feet below the crown. Flap gate on the waterside (WS) end. 24-inch pipe sleeved through the 36-inch pipe. Annular space between pipes grouted. Pumps inside pump house with a walkway on the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 0.15)]. FS Date: 3/12/2013					

Photo 3 of 3 : UCIP_SP_2018_10910_18183.jpg



Slide gates at pumphouse on LS toe.

LM Start	0.22	Rating **	A/W	Issue No.	1554	
LM End	0.22	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.802293 °	38.802293 °	
				-121.724847 °	-121.724847 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10088						
DS_ID:20327						
EP_NO: N/A						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: *ABANDONED* 42-inch drainage pipe of an unknown material through the levee, 28.5 feet below the crown.						
Abandoned in place by plugging with concrete. Headwall on waterside (WS) toe. [Additional Reference(s): USACE Sacramento O&M Manual 130, May 1960 (HLM 0.22)].						
FS Date: 3/12/2013						

Photo 1 of 1 : UCIP_SP_2018_10088_17237.jpg



Concrete headwall visible on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	1.87	Rating **	C	Issue No.	84
LM End	1.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.825534 °	38.825534 °
				-121.724749 °	-121.724749 °
DWR ID	DWR_NA0016_01_s_2014_84				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on waterside levee slope.					

No Photos

LM Start	2.14	Rating **	C	Issue No.	82
LM End	2.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.829227 °	38.829227 °
				-121.726532 °	-121.726532 °
DWR ID	DWR_NA0016_01_f_2017_82				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	3.54	Rating **	A/W	Issue No.	1556	
LM End	3.54	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.846492 °	38.846492 °	
				-121.730066 °	-121.730066 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10125						
DS_ID:20331						
EP_NO: N/A						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 5-foot by 5-foot reinforced concrete box drainage tunnel through the levee, 33 feet below the crown. Slide gate at outlet on the waterside (WS) toe. Tunnel runs from concrete U-shaped riser unit on the landside (LS) shoulder to the WS toe. Steel walkway to slide gate actuator on the WS berm. [Additional Reference(s): USACE Sacramento O&M Manual 130, May 1960 (HLM 3.59)].						
FS Date: 3/12/2013						

Photo 1 of 3 : UCIP_SP_2018_10125_17283.jpg



Steel walkway on WS berm with Slide gate actuator.

LM Start	3.54	Rating **	A/W	Issue No.	1556 (cont)
LM End	3.54	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2018_10125_17282.jpg



Pumphouse at LS toe and concrete riser on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	3.54	Rating **	A/W	Issue No.	1556 (cont)	
LM End	3.54	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.846492 °		38.846492 °
				-121.730066 °		-121.730066 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10125 DS_ID:20331 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 5-foot by 5-foot reinforced concrete box drainage tunnel through the levee, 33 feet below the crown. Slide gate at outlet on the waterside (WS) toe. Tunnel runs from concrete U-shaped riser unit on the landside (LS) shoulder to the WS toe. Steel walkway to slide gate actuator on the WS berm. [Additional Reference(s): USACE Sacramento O&M Manual 130, May 1960 (HLM 3.59)]. FS Date: 3/12/2013						

Photo 3 of 3 : UCIP_SP_2018_10125_17281.jpg



Slide gate at outlet at river side.

LM Start	8.55	Rating **	A/W	Issue No.	112
LM End	8.55	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.857422 °	38.857422 °
				-121.780870 °	-121.780870 °
DWR ID	DWR_NA0016_01_s_2018_112				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Location on waterside berm where oak tree fell and removed soil around the roots. There is a bend in the river at this location and has to potential to erode. Recommend monitoring.					

Photo 1 of 3 : SP_2018_NA0016_435_112_20180326_00250.jpg



View of the berm where the oak tree used to stand, facing the Sacramento River. Spring 2018.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	8.55	Rating **	A/W	Issue No.	112 (cont)	
LM End	8.55	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.857422 °	38.857422 °	
				-121.780870 °	-121.780870 °	
DWR ID	DWR_NA0016_01_s_2018_112					
Comment Code						
E1 : Note and monitor erosion site.						
Inspector Comment						
Location on waterside berm where oak tree fell and removed soil around the roots. There is a bend in the river at this location and has to potential to erode. Recommend monitoring.						

Photo 2 of 3 : SP_2018_NA0016_435_112_20180326_00251.jpg



View of the remaining roots, facing upstream. Spring 2018.

LM Start	8.55	Rating **	A/W	Issue No.	112 (cont)
LM End	8.55	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : SP_2018_NA0016_435_112_20180326_00252.jpg



Additional view of the berm. Spring 2018.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	8.89	Rating **	A/W	Issue No.	1562
LM End	8.89	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.856531 °	38.856531 °
				-121.785605 °	-121.785605 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:10146
DS_ID:20230
EP_NO: 9376
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: [El Dorado Bend Pumping Plant] 1 of 4: 50-inch sleeved through existing 54-inch concrete encased steel drainage pipe through the levee, 26.5 feet below the crown. Gate valves on the waterside (WS) ends of the pipes. Walkway provided to the control valves and around the pump house on the landside (LS). Pipes originate in a large concrete pool at the pump house on the LS. (54-inch pipe [HLM 5.27] authorized under Automatic Board Order (ABO) issued as Permit No. 9376, 1974 - Reclamation District Nos. 2047 and 108; 50-inch pipe sleeved through existing 54-inch pipe and trash rack repairs authorized under maintenance in 2013). [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 8.99)].
FS Date: 3/13/2013

LM Start	8.89	Rating **	A/W	Issue No.	1562 (cont)
LM End	8.89	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2018_10146_17312.jpg



Pumphouse on LS toe.

Photo 2 of 3 : UCIP_SP_2018_10146_17311.jpg



Walkway to slide gate actuators on WS shoulder.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	8.90	Rating **	A/W	Issue No.	1563
LM End	8.90	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.856554 °	38.856554 °
				-121.785613 °	-121.785613 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:10147
DS_ID:20361
EP_NO: 9376
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: [El Dorado Bend Pumping Plant] 2 of 4: 54-inch concrete encased steel drainage discharge pipe through the levee, 26.5 feet below the crown. Gate valves on both ends of the pipe. Walkway provided to the gate valves on the waterside (WS) shoulder. Pipe not visible on landside (LS) toe. (54-inch pipe [HLM 5.27] authorized under Automatic Board Order (ABO) issued as Permit No. 9376, 1974 - Reclamation District Nos. 2047 and 108; now work was done in 2013 at this location). [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 8.99)].
FS Date: 3/13/2013

LM Start	8.90	Rating **	A/W	Issue No.	1563 (cont)
LM End	8.90	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2018_10147_17316.jpg



Pumphouse on LS toe.

Photo 2 of 3 : UCIP_SP_2018_10147_17315.jpg



Walkway to slide gate actuators on WS shoulder.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	8.90	Rating **	A/W	Issue No.	1563 (cont)	
LM End	8.90	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.856554 °	38.856554 °	
				-121.785613 °	-121.785613 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10147						
DS_ID:20361						
EP_NO: 9376						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: [El Dorado Bend Pumping Plant] 2 of 4: 54-inch concrete encased steel drainage discharge pipe through the levee, 26.5 feet below the crown. Gate valves on both ends of the pipe. Walkway provided to the gate valves on the waterside (WS) shoulder. Pipe not visible on landside (LS) toe. (54-inch pipe [HLM 5.27] authorized under Automatic Board Order (ABO) issued as Permit No. 9376, 1974 - Reclamation District Nos. 2047 and 108; now work was done in 2013 at this location). [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 8.99)].						
FS Date: 3/13/2013						

Photo 3 of 3 : UCIP_SP_2018_10147_17314.jpg



Slide gates and pipes at outlet structure on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	8.90	Rating **	A/W	Issue No.	1564
LM End	8.90	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.856572 °	38.856572 °
				-121.785620 °	-121.785620 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:10148
DS_ID:20362
EP_NO: 9376
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: [El Dorado Bend Pumping Plant] 3 of 4: 50-inch sleeved through existing 54-inch concrete encased steel drainage discharge pipe through the levee, 26.5 feet below the crown. Gate valves on both ends of the pipe. Walkway provided to the control valves inside the pump house. (54-inch pipe [HLM 5.27] authorized under Automatic Board Order (ABO) issued as Permit No. 9376, 1974 - Reclamation District Nos. 2047 and 108; 50-inch pipe sleeved through existing 54-inch pipe and trash rack repairs authorized under maintenance in 2013). [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 8.99)].
FS Date: 3/13/2013

LM Start	8.90	Rating **	A/W	Issue No.	1564 (cont)
LM End	8.90	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2018_10148_17320.jpg



Pumphouse on LS.

Photo 2 of 3 : UCIP_SP_2018_10148_17319.jpg



Slide gate actuators on platform at WS shoulder.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	8.90	Rating **	A/W	Issue No.	1564 (cont)	
LM End	8.90	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.856572 °	38.856572 °	
				-121.785620 °	-121.785620 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10148 DS_ID:20362 EP_NO: 9376 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: [El Dorado Bend Pumping Plant] 3 of 4: 50-inch sleeved through existing 54-inch concrete encased steel drainage discharge pipe through the levee, 26.5 feet below the crown. Gate valves on both ends of the pipe. Walkway provided to the control valves inside the pump house. (54-inch pipe [HLM 5.27] authorized under Automatic Board Order (ABO) issued as Permit No. 9376, 1974 - Reclamation District Nos. 2047 and 108; 50-inch pipe sleeved through existing 54-inch pipe and trash rack repairs authorized under maintenance in 2013). [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 8.99)]. FS Date: 3/13/2013						

Photo 3 of 3 : UCIP_SP_2018_10148_17318.jpg



Pipes at outlet on WS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	8.90	Rating **	A/W	Issue No.	1565
LM End	8.90	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.856608 °	38.856608 °
				-121.785622 °	-121.785622 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:10149
DS_ID:20363
EP_NO: 9376
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: [El Dorado Bend Pumping Plant] 4 of 4: 50-inch sleeved through existing 54-inch concrete encased steel drainage discharge pipe through the levee, 26.5 feet below the crown. Gate valves on both ends of the pipe. Walkway provided to the control valves. (54-inch pipe [HLM 5.27] authorized under Automatic Board Order (ABO) issued as Permit No. 9376, 1974 - Reclamation District Nos. 2047 and 108; 50-inch pipe sleeved through existing 54-inch pipe and trash rack repairs authorized under maintenance in 2013).
[Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 8.99)].
FS Date: 3/13/2013

LM Start	8.90	Rating **	A/W	Issue No.	1565 (cont)
LM End	8.90	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2018_10149_17324.jpg



Pumphouse on LS.

Photo 2 of 3 : UCIP_SP_2018_10149_17323.jpg



Slide gate actuators on platform at WS shoulder.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	8.90	Rating **	A/W	Issue No.	1565 (cont)	
LM End	8.90	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.856608 °	38.856608 °	
				-121.785622 °	-121.785622 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10149 DS_ID:20363 EP_NO: 9376 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: [El Dorado Bend Pumping Plant] 4 of 4: 50-inch sleeved through existing 54-inch concrete encased steel drainage discharge pipe through the levee, 26.5 feet below the crown. Gate valves on both ends of the pipe. Walkway provided to the control valves. (54-inch pipe [HLM 5.27] authorized under Automatic Board Order (ABO) issued as Permit No. 9376, 1974 - Reclamation District Nos. 2047 and 108; 50-inch pipe sleeved through existing 54-inch pipe and trash rack repairs authorized under maintenance in 2013). [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 8.99)]. FS Date: 3/13/2013						

Photo 3 of 3 : UCIP_SP_2018_10149_17322.jpg



Pipes and slide gates at outlet on WS.

LM Start	9.62	Rating **	M	Issue No.	226
LM End	9.62	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.862422 °	38.862422 °
				-121.790305 °	-121.790305 °
DWR ID	DWR_NA0016_01_s_2017_226				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent burrow on landside levee slope.					

Photo 1 of 2 : SP_2018_NA0016_435_226_20180306_00077.jpg



View of rodent burrow halfway down landside slope. Fall 2017.

* Location
 LS : Land Side N/A : Not Applicable
 WS : Water Side
 CR : Crown

** Rating
 A : Acceptable
 M : Minimally Acceptable
 U : Unacceptable
 N : Not Inspected/Rated
 C : Corrected
 A/W : Acceptable but Monitor & Maintain

+ Issue Type
 Ma : Maintenance Deficiency
 Ob : Design & System Obsolescence
 En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	9.62	Rating **	M	Issue No.	226 (cont)	
LM End	9.62	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			38.862422 °		38.862422 °
				-121.790305 °		-121.790305 °
DWR ID	DWR_NA0016_01_s_2017_226					
Comment Code						
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.						
Inspector Comment						
Rodent burrow on landside levee slope.						

Photo 2 of 2 : SP_2018_NA0016_435_226_20180306_00078.jpg



Rodent burrow on landside levee slope. Spring 2017.

LM Start	9.68	Rating **	A/W	Issue No.	29
LM End	9.79	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.862345 °	38.862848 °
				-121.791337 °	-121.793267 °
DWR ID	DWR_NA0016_01_s_2012_29				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					

Photo 1 of 2 : SP_2018_NA0016_435_29_20180306_00019.jpg



View of the revegetation site on the waterward side of the levee looking upstream. Spring 2016.

LM Start	9.68	Rating **	A/W	Issue No.	29 (cont)
LM End	9.79	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : SP_2018_NA0016_435_29_20180306_00020.jpg



Revegetation site sign. Spring 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	---	--	---	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	9.75	Rating **	A/W	Issue No.	1567 (cont)	
LM End	9.75	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.862619 °		38.862619 °
				-121.792510 °		-121.792510 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10163 DS_ID:20415 EP_NO: 680 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 42-inch concrete encased steel drainage pipe through the levee, 17.5 feet below the crown. Screw gate on the waterside (WS) end. Pump on platform in canal on landside (LS) toe. 12-inch standpipe along pipe alignment on LS toe. Staff gauge to 47 feet on structure. (Permit No. 680, 1936 - Reclamation District No. 108). [Additional Reference(s): USACE Sacramento O&M Manual 130, May 1960 (HLM 9.87)]. FS Date: 3/13/2013						

Photo 3 of 3 : UCIP_SP_2018_10163_17340.jpg



Pump on platform at LS toe.

LM Start	9.75	Rating **	A/W	Issue No.	1568
LM End	9.75	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.862615 °	38.862615 °
				-121.792582 °	-121.792582 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10164					
DS_ID:20232					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 1 of 5: 60-inch reinforced concrete drainage culvert through the levee, 35 feet below the crown. Screw gates on walkway at waterside (WS) shoulder. Staff gauge to 47.0 feet on structure. [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 9.87)].					
FS Date: 3/13/2013					

Photo 1 of 3 : UCIP_SP_2018_10164_17345.jpg



Slide gates at concrete headwall at river

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	9.75	Rating **	A/W	Issue No.	1568 (cont)
LM End	9.75	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.862615 °	38.862615 °
				-121.792582 °	-121.792582 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10164					
DS_ID:20232					
EP_NO: N/A					
Repair Type: No Action Needed					
Crossing Status: Found					
UCIP Comments:					
FIELD_STRUCT_DESC: 1 of 5: 60-inch reinforced concrete drainage culvert through the levee, 35 feet below the crown. Screw gates on walkway at waterside (WS) shoulder. Staff gauge to 47.0 feet on structure. [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 9.87)].					
FS Date: 3/13/2013					

Photo 2 of 3 : UCIP_SP_2018_10164_17344.jpg



Pipes at entrance to pumping plant building on LS toe.

LM Start	9.75	Rating **	A/W	Issue No.	1568 (cont)
LM End	9.75	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2018_10164_17343.jpg



Slide gate actuators on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	9.76	Rating **	A/W	Issue No.	1569	
LM End	9.76	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.862624 °		38.862624 °
				-121.792626 °		-121.792626 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10165 DS_ID:20364 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 2 of 5: 60-inch reinforced concrete drainage culvert through the levee, 35 feet below the crown. Screw gate actuators on metal platform on the waterside (WS) shoulder. Large pumping plant building on the landside (LS) shoulder. Staff gauge to 47 feet on structure. [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 9.87)]. FS Date: 3/13/2013						

Photo 1 of 3 : UCIP_SP_2018_10165_17348.jpg



Slide gates and headwall on WS toe.

LM Start	9.76	Rating **	A/W	Issue No.	1569 (cont)
LM End	9.76	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2018_10165_17347.jpg



Pipes at inlet to pumphouse on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	9.76	Rating **	A/W	Issue No.	1569 (cont)	
LM End	9.76	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.862624 °		38.862624 °
				-121.792626 °		-121.792626 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10165 DS_ID:20364 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 2 of 5: 60-inch reinforced concrete drainage culvert through the levee, 35 feet below the crown. Screw gate actuators on metal platform on the waterside (WS) shoulder. Large pumping plant building on the landside (LS) shoulder. Staff gauge to 47 feet on structure. [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 9.87)]. FS Date: 3/13/2013						

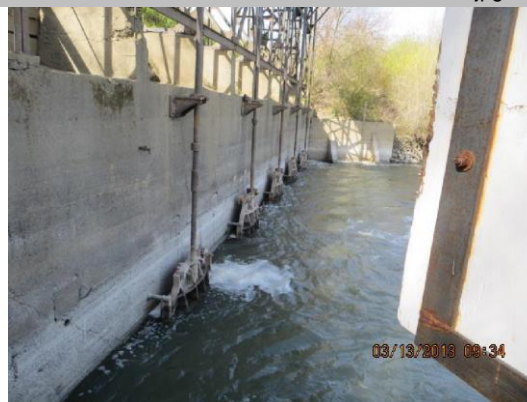
Photo 3 of 3 : UCIP_SP_2018_10165_17346.jpg



Pumphouse on LS.

LM Start	9.76	Rating **	A/W	Issue No.	1570	
LM End	9.76	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.862633 °		38.862633 °
				-121.792669 °		-121.792669 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10168 DS_ID:20365 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 3 of 5: 60-inch reinforced concrete drainage culvert through the levee, 35 feet below the crown. Screw gate actuators on metal platform on the waterside (WS) shoulder. Large pumping plant building on the landside (LS) shoulder. Staff gauge to 47 feet on structure. [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 9.87)]. FS Date: 3/13/2013						

Photo 1 of 3 : UCIP_SP_2018_10168_17360.jpg



Slide gate and concrete headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	9.76	Rating **	A/W	Issue No.	1570 (cont)
LM End	9.76	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.862633 °	38.862633 °
				-121.792669 °	-121.792669 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10168 DS_ID:20365 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 3 of 5: 60-inch reinforced concrete drainage culvert through the levee, 35 feet below the crown. Screw gate actuators on metal platform on the waterside (WS) shoulder. Large pumping plant building on the landside (LS) shoulder. Staff gauge to 47 feet on structure. [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 9.87)]. FS Date: 3/13/2013					

Photo 2 of 3 : UCIP_SP_2018_10168_17359.jpg



Pipe at inlet to pumphouse on LS toe.

LM Start	9.76	Rating **	A/W	Issue No.	1570 (cont)
LM End	9.76	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2018_10168_17358.jpg



Pumphouse on LS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	9.76	Rating **	A/W	Issue No.	1571
LM End	9.76	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.862642 °	38.862642 °
				-121.792713 °	-121.792713 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10167 DS_ID:20366 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 4 of 5: 60-inch reinforced concrete drainage culvert through the levee, 35 feet below the crown. Screw gate actuators on metal platform on the waterside (WS) shoulder. Large pumping plant building on the landside (LS) shoulder. Staff gauge to 47 feet on structure. [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 9.87)]. FS Date: 3/13/2013					

Photo 1 of 3 : UCIP_SP_2018_10167_17352.jpg



Slide gates and headwall at WS toe.

LM Start	9.76	Rating **	A/W	Issue No.	1571 (cont)
LM End	9.76	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2018_10167_17351.jpg



Pipes at inlet to pumping plant on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	9.76	Rating **	A/W	Issue No.	1571 (cont)	
LM End	9.76	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.862642 °		38.862642 °
				-121.792713 °		-121.792713 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10167 DS_ID:20366 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 4 of 5: 60-inch reinforced concrete drainage culvert through the levee, 35 feet below the crown. Screw gate actuators on metal platform on the waterside (WS) shoulder. Large pumping plant building on the landside (LS) shoulder. Staff gauge to 47 feet on structure. [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 9.87)]. FS Date: 3/13/2013						

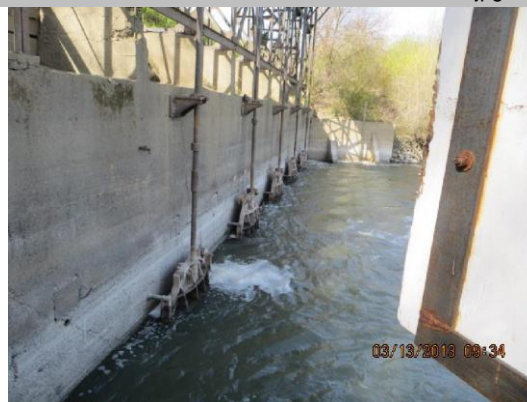
Photo 3 of 3 : UCIP_SP_2018_10167_17350.jpg



Pumping plant on LS.

LM Start	9.76	Rating **	A/W	Issue No.	1572
LM End	9.76	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.862650 °	38.862650 °
				-121.792754 °	-121.792754 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10169 DS_ID:20367 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 5 of 5: 60-inch reinforced concrete drainage culvert through the levee, 35 feet below the crown. Screw gate actuators on metal platform on the waterside (WS) shoulder. Large pumping plant building on the landside (LS) shoulder. Staff gauge to 47 feet on structure. [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 9.87)]. FS Date: 3/13/2013					

Photo 1 of 3 : UCIP_SP_2018_10169_17364.jpg



Slide gates and concrete headwall on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	9.76	Rating **	A/W	Issue No.	1572 (cont)
LM End	9.76	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.862650 °	38.862650 °
				-121.792754 °	-121.792754 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10169 DS_ID:20367 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 5 of 5: 60-inch reinforced concrete drainage culvert through the levee, 35 feet below the crown. Screw gate actuators on metal platform on the waterside (WS) shoulder. Large pumping plant building on the landside (LS) shoulder. Staff gauge to 47 feet on structure. [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 9.87)]. FS Date: 3/13/2013					

Photo 2 of 3 : UCIP_SP_2018_10169_17363.jpg



pipes at entrance to pumphouse on LS toe.

LM Start	9.76	Rating **	A/W	Issue No.	1572 (cont)
LM End	9.76	Issue Type +	Ma	Location *	

Photo 3 of 3 : UCIP_SP_2018_10169_17362.jpg



Pumphouse on LS.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	11.50	Rating **	M	Issue No.	7
LM End	11.53	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.874854 °	38.875109 °
				-121.813018 °	-121.813592 °
DWR ID	DWR_NA0016_01_s _ 2016_7				
Comment Code					
Inspector Comment					
1997 - Toe damage and loss of cobble revetment and small patch of local damage to the cobble revetment. 2000 - Cohesive vertical toe; revegetation site. 2015: No observed changes. [2015 Site ID: SAC_101-3_R]					

Photo 1 of 1 : SP_2018_NA0016_435_7_20180306_00006.jpg



USACE 2013 Photo #1

LM Start	11.69	Rating **	C	Issue No.	128
LM End	11.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.876494 °	38.876494 °
				-121.815878 °	-121.815878 °
DWR ID	DWR_NA0016_01_f _ 2017_128				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Limbs on the landside slope.					

No Photos

LM Start	17.64	Rating **	M	Issue No.	233
LM End	17.64	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.940171 °	38.940171 °
				-121.832771 °	-121.832771 °
DWR ID	DWR_NA0016_01_s _ 2017_233				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent burrows on landside levee slope.					

Photo 1 of 2 : SP_2018_NA0016_435_233_20180306_00079.jpg



View of additional rodent holes at the same site. Fall 2017.

*** Location**
LS : Land Side N/A : Not Applicable
WS : Water Side
CR : Crown

**** Rating**
A : Acceptable N : Not Inspected/Rated
M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	17.64	Rating **	M	Issue No.	233 (cont)	
LM End	17.64	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Animal Control			38.940171 °		38.940171 °
				-121.832771 °		-121.832771 °
DWR ID	DWR_NA0016_01_s_2017_233					
Comment Code						
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.						
Inspector Comment						
Rodent burrows on landside levee slope.						

Photo 2 of 2 : SP_2018_NA0016_435_233_20180306_00080.jpg



Rodent burrow on landside levee slope. Spring 2017.

LM Start	18.76	Rating **	A/W	Issue No.	121
LM End	18.78	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.954060 °	38.954312 °
				-121.840560 °	-121.840774 °
DWR ID	DWR_NA0016_01_f_2017_121				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:9					
Site Designation:DWR_NA0016_01_s_2012_2					
Repair Type: Erosion					
Rating:Serious					
Field Date:8/28/2017					
Notes: near abandoned pump intake					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

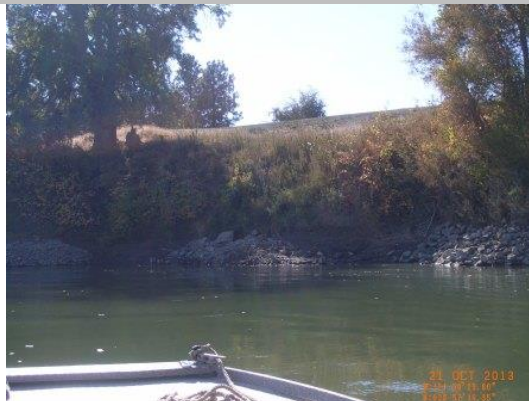
Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	18.76	Rating **	A/W	Issue No.	10
LM End	18.78	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.954060 °	38.954312 °
				-121.840560 °	-121.840774 °
DWR ID	DWR_NA0016_01_s_2016_10				
Comment Code					
Inspector Comment					
2009 - Minor erosion, should be repaired under maintenance. 2011 - Some new minor erosion at the toe. 2015: No observed changes. [2015 Site ID: SAC_111-0_R]					

Photo 1 of 1 : SP_2018_NA0016_435_10_20180306_00009.jpg



USACE 2013 Photo #1

LM Start	23.55	Rating **	M	Issue No.	11
LM End	23.65	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			38.997696 °	38.998336 °
				-121.797584 °	-121.799298 °
DWR ID	DWR_NA0016_01_s_2016_11				
Comment Code					
Inspector Comment					
2008 - Slippage of cobbles off hard underlying toe material. 2011 - Minor slumping site. 2012 - Failing cobble site, site extended upstream. 2015: No observed changes. [2015 Site ID: SAC_115-9_R]					

Photo 1 of 1 : SP_2018_NA0016_435_11_20180306_00010.jpg



USACE 2013 Photo #1

LM Start	24.88	Rating **	M	Issue No.	113
LM End	25.48	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.005465 °	39.011365 °
				-121.818846 °	-121.827095 °
DWR ID	DWR_NA0016_01_s_2018_113				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	25.56	Rating **	A/W	Issue No.	1579
LM End	25.56	Issue Type +	Ma	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DWR UCIP LMA Responsibility		39.012322 °	39.012322 °	
			-121.827892 °	-121.827892 °	
DWR ID					

Comment Code

Inspector Comment

FS_ID:10271
DS_ID:20252
EP_NO: 9354
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: 09/21/2017 Reclamation District No. 108 diverts irrigation water from the Sacramento River using the Wilkins Slough Pumping Plant. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: [Wilkins Slough Pumping Plant] 1 of 6: 5-foot by 5-foot reinforced concrete irrigation culvert through the levee, 40 feet below the crown. Control gates on the landside (LS) and waterside (WS) shoulder. Pump on the WS berm. (six 5-foot by 5-foot culverts [HLM 25.88] authorized under Automatic Board Order (ABO) issued as Permit No. 9354, 1974 - Reclamation District No. 108; plant was upgraded with new fish ladder in 2005; positive barrier fish screens authorized under Permit No. 16748, 1997 - Reclamation District No. 108 [RD0108]; other related Permit Nos. include 1359 and 1534).
[Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 25.88)].
FS Date: 3/14/2013

LM Start	25.56	Rating **	A/W	Issue No.	1579 (cont)
LM End	25.56	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2018_10271_17501.jpg



Pumphouse on WS shoulder.

Photo 2 of 3 : UCIP_SP_2018_10271_17500.jpg



Slide gates on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	25.56	Rating **	A/W	Issue No.	1579 (cont)
LM End	25.56	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.012322 °	39.012322 °
				-121.827892 °	-121.827892 °
DWR ID					

Comment Code

--

Inspector Comment

FS_ID:10271
DS_ID:20252
EP_NO: 9354
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: 09/21/2017 Reclamation District No. 108 diverts irrigation water from the Sacramento River using the Wilkins Slough Pumping Plant. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: [Wilkins Slough Pumping Plant] 1 of 6: 5-foot by 5-foot reinforced concrete irrigation culvert through the levee, 40 feet below the crown. Control gates on the landside (LS) and waterside (WS) shoulder. Pump on the WS berm. (six 5-foot by 5-foot culverts [HLM 25.88] authorized under Automatic Board Order (ABO) issued as Permit No. 9354, 1974 - Reclamation District No. 108; plant was upgraded with new fish ladder in 2005; positive barrier fish screens authorized under Permit No. 16748, 1997 - Reclamation District No. 108 [RD0108]; other related Permit Nos. include 1359 and 1534).
[Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 25.88)].
FS Date: 3/14/2013

Photo 3 of 3 : UCIP_SP_2018_10271_17499.jpg



Walkway and gates at LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	25.57	Rating **	A/W	Issue No.	1580
LM End	25.57	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.012336 °	39.012336 °
				-121.827902 °	-121.827902 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:10284
DS_ID:20370
EP_NO: 9354
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: 09/21/2017 Reclamation District No. 108 diverts irrigation water from the Sacramento River using the Wilkins Slough Pumping Plant. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: [Wilkins Slough Pumping Plant] 2 of 6: 5-foot by 5-foot reinforced concrete irrigation culvert through the levee, 40 feet below the crown. Control gates on the landside (LS) and waterside (WS) shoulder. Pump on the WS berm. (six 5-foot by 5-foot culverts [HLM 25.88] authorized under Automatic Board Order (ABO) issued as Permit No. 9354, 1974 - Reclamation District No. 108; plant was upgraded with new fish ladder in 2005; positive barrier fish screens authorized under Permit No. 16748, 1997 - Reclamation District No. 108 [RD0108]; other related Permit Nos. include 1359 and 1534). [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 25.88)].
FS Date: 3/14/2013

LM Start	25.57	Rating **	A/W	Issue No.	1580 (cont)
LM End	25.57	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2018_10284_17530.jpg



Pumphouse on WS shoulder

Photo 2 of 3 : UCIP_SP_2018_10284_17529.jpg



Slide gates on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	25.57	Rating **	A/W	Issue No.	1580 (cont)
LM End	25.57	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.012336 °	39.012336 °
				-121.827902 °	-121.827902 °
DWR ID					

Photo 3 of 3 : UCIP_SP_2018_10284_17528.jpg



Walkway and gates in canal at LS toe.

Comment Code					
Inspector Comment					
FS_ID:10284 DS_ID:20370 EP_NO: 9354 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: 09/21/2017 Reclamation District No. 108 diverts irrigation water from the Sacramento River using the Wilkins Slough Pumping Plant. (DWR UCIP - O. Magana) FIELD_STRUCT_DESC: [Wilkins Slough Pumping Plant] 2 of 6: 5-foot by 5-foot reinforced concrete irrigation culvert through the levee, 40 feet below the crown. Control gates on the landside (LS) and waterside (WS) shoulder. Pump on the WS berm. (six 5-foot by 5-foot culverts [HLM 25.88] authorized under Automatic Board Order (ABO) issued as Permit No. 9354, 1974 - Reclamation District No. 108; plant was upgraded with new fish ladder in 2005; positive barrier fish screens authorized under Permit No. 16748, 1997 - Reclamation District No. 108 [RD0108]; other related Permit Nos. include 1359 and 1534). [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 25.88)]. FS Date: 3/14/2013					

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	25.57	Rating **	A/W	Issue No.	1581
LM End	25.57	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.012350 °	39.012350 °
				-121.827912 °	-121.827912 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:10273
DS_ID:20371
EP_NO: 9354
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: 09/21/2017 Reclamation District No. 108 diverts irrigation water from the Sacramento River using the Wilkins Slough Pumping Plant. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: [Wilkins Slough Pumping Plant] 3 of 6: 5-foot by 5-foot reinforced concrete irrigation culvert through the levee, 40 feet below the crown. Control gates on the landside (LS) and waterside (WS) shoulder. Pump on the WS berm. (six 5-foot by 5-foot culverts [HLM 25.88] authorized under Automatic Board Order (ABO) issued as Permit No. 9354, 1974 - Reclamation District No. 108; plant was upgraded with new fish ladder in 2005; positive barrier fish screens authorized under Permit No. 16748, 1997 - Reclamation District No. 108 [RD0108]; other related Permit Nos. include 1359 and 1534).
[Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 25.88)].
FS Date: 3/14/2013

LM Start	25.57	Rating **	A/W	Issue No.	1581 (cont)
LM End	25.57	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2018_10273_17504.jpg



Pumphouse on WS shoulder.

Photo 2 of 3 : UCIP_SP_2018_10273_17503.jpg



Slide gates on LS shoulder

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	---	--	---	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	25.57	Rating **	A/W	Issue No.	1581 (cont)
LM End	25.57	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.012350 °	39.012350 °
				-121.827912 °	-121.827912 °
DWR ID					

Comment Code

--

Inspector Comment

FS_ID:10273
DS_ID:20371
EP_NO: 9354
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: 09/21/2017 Reclamation District No. 108 diverts irrigation water from the Sacramento River using the Wilkins Slough Pumping Plant. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: [Wilkins Slough Pumping Plant] 3 of 6: 5-foot by 5-foot reinforced concrete irrigation culvert through the levee, 40 feet below the crown. Control gates on the landside (LS) and waterside (WS) shoulder. Pump on the WS berm. (six 5-foot by 5-foot culverts [HLM 25.88] authorized under Automatic Board Order (ABO) issued as Permit No. 9354, 1974 - Reclamation District No. 108; plant was upgraded with new fish ladder in 2005; positive barrier fish screens authorized under Permit No. 16748, 1997 - Reclamation District No. 108 [RD0108]; other related Permit Nos. include 1359 and 1534).
[Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 25.88)].
FS Date: 3/14/2013

Photo 3 of 3 : UCIP_SP_2018_10273_17502.jpg



Walkway and gates on LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	25.57	Rating **	A/W	Issue No.	1582
LM End	25.57	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.012365 °	39.012365 °
				-121.827921 °	-121.827921 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:10277
DS_ID:20372
EP_NO: 9354
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: 09/21/2017 Reclamation District No. 108 diverts irrigation water from the Sacramento River using the Wilkins Slough Pumping Plant. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: [Wilkins Slough Pumping Plant] 4 of 6: 5-foot by 5-foot reinforced concrete irrigation culvert through the levee, 40 feet below the crown. Control gates on the landside (LS) and waterside (WS) shoulder. Pump on the WS berm. (six 5-foot by 5-foot culverts [HLM 25.88] authorized under Automatic Board Order (ABO) issued as Permit No. 9354, 1974 - Reclamation District No. 108; plant was upgraded with new fish ladder in 2005; positive barrier fish screens authorized under Permit No. 16748, 1997 - Reclamation District No. 108 [RD0108]; other related Permit Nos. include 1359 and 1534). [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 25.88)].
FS Date: 3/14/2013

LM Start	25.57	Rating **	A/W	Issue No.	1582 (cont)
LM End	25.57	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2018_10277_17516.jpg



Pumphouse on WS shoulder.

Photo 2 of 3 : UCIP_SP_2018_10277_17515.jpg



Slide gates on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	---	--	---	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	25.57	Rating **	A/W	Issue No.	1582 (cont)
LM End	25.57	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.012365 °	39.012365 °
				-121.827921 °	-121.827921 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:10277
DS_ID:20372
EP_NO: 9354
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: 09/21/2017 Reclamation District No. 108 diverts irrigation water from the Sacramento River using the Wilkins Slough Pumping Plant. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: [Wilkins Slough Pumping Plant] 4 of 6: 5-foot by 5-foot reinforced concrete irrigation culvert through the levee, 40 feet below the crown. Control gates on the landside (LS) and waterside (WS) shoulder. Pump on the WS berm. (six 5-foot by 5-foot culverts [HLM 25.88] authorized under Automatic Board Order (ABO) issued as Permit No. 9354, 1974 - Reclamation District No. 108; plant was upgraded with new fish ladder in 2005; positive barrier fish screens authorized under Permit No. 16748, 1997 - Reclamation District No. 108 [RD0108]; other related Permit Nos. include 1359 and 1534).
[Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 25.88)].
FS Date: 3/14/2013

Photo 3 of 3 : UCIP_SP_2018_10277_17514.jpg



Walkway and gates along LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	25.57	Rating **	A/W	Issue No.	1583
LM End	25.57	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.012383 °	39.012383 °
				-121.827921 °	-121.827921 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:10278
DS_ID:20373
EP_NO: 9354
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: 09/21/2017 Reclamation District No. 108 diverts irrigation water from the Sacramento River using the Wilkins Slough Pumping Plant. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: [Wilkins Slough Pumping Plant] 5 of 6: 5-foot by 5-foot reinforced concrete irrigation culvert through the levee, 40 feet below the crown. Control gates on the landside (LS) and waterside (WS) shoulder. Pump on the WS berm. (six 5-foot by 5-foot culverts [HLM 25.88] authorized under Automatic Board Order (ABO) issued as Permit No. 9354, 1974 - Reclamation District No. 108; plant was upgraded with new fish ladder in 2005; positive barrier fish screens authorized under Permit No. 16748, 1997 - Reclamation District No. 108 [RD0108]; other related Permit Nos. include 1359 and 1534). [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 25.88)].
FS Date: 3/14/2013

LM Start	25.57	Rating **	A/W	Issue No.	1583 (cont)
LM End	25.57	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2018_10278_17519.jpg



Pumphouse on WS shoulder.

Photo 2 of 3 : UCIP_SP_2018_10278_17518.jpg



Slide gates on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	25.57	Rating **	A/W	Issue No.	1583 (cont)
LM End	25.57	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.012383 °	39.012383 °
				-121.827921 °	-121.827921 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:10278
DS_ID:20373
EP_NO: 9354
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: 09/21/2017 Reclamation District No. 108 diverts irrigation water from the Sacramento River using the Wilkins Slough Pumping Plant. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: [Wilkins Slough Pumping Plant] 5 of 6: 5-foot by 5-foot reinforced concrete irrigation culvert through the levee, 40 feet below the crown. Control gates on the landside (LS) and waterside (WS) shoulder. Pump on the WS berm. (six 5-foot by 5-foot culverts [HLM 25.88] authorized under Automatic Board Order (ABO) issued as Permit No. 9354, 1974 - Reclamation District No. 108; plant was upgraded with new fish ladder in 2005; positive barrier fish screens authorized under Permit No. 16748, 1997 - Reclamation District No. 108 [RD0108]; other related Permit Nos. include 1359 and 1534).
[Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 25.88)].
FS Date: 3/14/2013

Photo 3 of 3 : UCIP_SP_2018_10278_17517.jpg



Walkway and gates on LS toe at canal.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	25.57	Rating **	A/W	Issue No.	1584
LM End	25.57	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.012401 °	39.012401 °
				-121.827925 °	-121.827925 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:10276
DS_ID:20374
EP_NO: 9354
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments: 09/21/2017 Reclamation District No. 108 diverts irrigation water from the Sacramento River using the Wilkins Slough Pumping Plant. (DWR UCIP - O. Magana)
FIELD_STRUCT_DESC: [Wilkins Slough Pumping Plant] 6 of 6: 5-foot by 5-foot reinforced concrete irrigation culvert through the levee, 40 feet below the crown. Control gates on the landside (LS) and waterside (WS) shoulder. Pump on the WS berm. (six 5-foot by 5-foot culverts [HLM 25.88] authorized under Automatic Board Order (ABO) issued as Permit No. 9354, 1974 - Reclamation District No. 108; plant was upgraded with new fish ladder in 2005; positive barrier fish screens authorized under Permit No. 16748, 1997 - Reclamation District No. 108 [RD0108]; other related Permit Nos. include 1359 and 1534).
[Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 130, May 1960 (HLM 25.88)].
FS Date: 3/14/2013

LM Start	25.57	Rating **	A/W	Issue No.	1584 (cont)
LM End	25.57	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2018_10276_17513.jpg



Pumphouse on WS shoulder.

Photo 2 of 3 : UCIP_SP_2018_10276_17512.jpg



Slide gates on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	27.54	Rating **	M	Issue No.	1588
LM End	27.54	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.034870 °	39.034870 °
				-121.833501 °	-121.833501 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10291 DS_ID:20257 EP_NO: 9355 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe needs to be properly abandoned. FIELD_STRUCT_DESC: *ABANDONED* 24-inch steel drainage pipe through the levee, 14 feet below the crown. Slide gate on the waterside (WS) end. Gate valve on the landside (LS) end. (24-inch pipe [HLM 27.89] authorized under Automatic Board Order (ABO) issued as Permit No. 9355, 1974 - Alvin Gustafson). [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 131, May 1960 (HLM 27.89)]. FS Date: 3/14/2013					

Photo 1 of 3 : UCIP_SP_2018_10291_17548.jpg



Gate valve buried on LS toe.

LM Start	27.54	Rating **	M	Issue No.	1588 (cont)
LM End	27.54	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2018_10291_17547.jpg



Gate valve buried on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	27.54	Rating **	M	Issue No.	1588 (cont)	
LM End	27.54	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			39.034870 °		39.034870 °
				-121.833501 °		-121.833501 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10291 DS_ID:20257 EP_NO: 9355 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe needs to be properly abandoned. FIELD_STRUCT_DESC: *ABANDONED* 24-inch steel drainage pipe through the levee, 14 feet below the crown. Slide gate on the waterside (WS) end. Gate valve on the landside (LS) end. (24-inch pipe [HLM 27.89] authorized under Automatic Board Order (ABO) issued as Permit No. 9355, 1974 - Alvin Gustafson). [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 131, May 1960 (HLM 27.89)]. FS Date: 3/14/2013						

Photo 3 of 3 : UCIP_SP_2018_10291_17546.jpg



Excavation at WS toe where pipe should be.

LM Start	28.05	Rating **	A/W	Issue No.	114
LM End	28.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.041008 °	39.041008 °
				-121.835739 °	-121.835739 °
DWR ID	DWR_NA0016_01_s_2018_114				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Multiple small rodent holes through landside slope and on crown. Recommend monitoring.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	28.64	Rating **	A/W	Issue No.	1590 (cont)	
LM End	28.64	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.048281 °	39.048281 °	
				-121.841084 °	-121.841084 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10306						
DS_ID:20341						
EP_NO: 9358						
Repair Type: No Action Needed						
Crossing Status: Found						
UCIP Comments:						
FIELD_STRUCT_DESC: 16-inch steel drainage pipe through the levee, 8.5 feet below the crown. Siphon breaker inside a 24-inch corrugated metal riser unit on the waterside (WS) slope. Pump inside pump house on the landside (LS). Overhead power line crosses the levee. Pole on the LS shoulder. (one 12-inch, one 16-inch, and one 24-inch pipes [HLM 29.02] authorized under Automatic Board Order (ABO) issued as Permit No. 9358, 1974 - Crocker National Bank (Trustee)). [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 131, May 1960 (HLM 29.02)].						
FS Date: 3/15/2013						

Photo 3 of 3 : UCIP_SP_2018_10306_17564.jpg



siphon breakers in CMP risers on WS slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	28.65	Rating **	A/W	Issue No.	1591
LM End	28.65	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.048295 °	39.048295 °
				-121.841088 °	-121.841088 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:10307
DS_ID:20259
EP_NO: 9358
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 10-inch steel drainage pipe through the levee, 8 feet below the crown. Siphon breaker in a 24-inch corrugated metal riser on the waterside (WS) slope. Slide gate at base of pump house on landside (LS) toe. Pump over sump at pump house on LS toe. Overhead power line crosses the levee. Pole on the LS shoulder. (one 12-inch, one 16-inch, and one 24-inch pipes [HLM 29.02] authorized under Automatic Board Order (ABO) issued as Permit No. 9358, 1974 - Crocker National Bank (Trustee)). [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 131, May 1960 (HLM 29.02)].
FS Date: 3/15/2013

LM Start	28.65	Rating **	A/W	Issue No.	1591 (cont)
LM End	28.65	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2018_10307_17569.jpg



Pumphouse over sump on LS toe.

Photo 2 of 3 : UCIP_SP_2018_10307_17568.jpg



Slide gate in concrete vault under pumphouse at LS toe.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	28.65	Rating **	A/W	Issue No.	1591 (cont)	
LM End	28.65	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.048295 °	39.048295 °	
				-121.841088 °	-121.841088 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10307 DS_ID:20259 EP_NO: 9358 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 10-inch steel drainage pipe through the levee, 8 feet below the crown. Siphon breaker in a 24-inch corrugated metal riser on the waterside (WS) slope. Slide gate at base of pump house on landside (LS) toe. Pump over sump at pump house on LS toe. Overhead power line crosses the levee. Pole on the LS shoulder. (one 12-inch, one 16-inch, and one 24-inch pipes [HLM 29.02] authorized under Automatic Board Order (ABO) issued as Permit No. 9358, 1974 - Crocker National Bank (Trustee)). [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 131, May 1960 (HLM 29.02)]. FS Date: 3/15/2013						

Photo 3 of 3 : UCIP_SP_2018_10307_17567.jpg



Siphon breaker in 24-inch CMP riser on WS slope.

LM Start	29.23	Rating **	C	Issue No.	148
LM End	29.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.056690 °	39.056690 °
				-121.840852 °	-121.840852 °
DWR ID	DWR_NA0016_01_s_2017_148				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	29.69	Rating **	A/W	Issue No.	2
LM End	29.73	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			39.063209 °	39.063997 °
				-121.838927 °	-121.839335 °
DWR ID	DWR_NA0016_01_s_2016_2				
Comment Code					
Inspector Comment					
1997 - Mass failure of the lower cohesive bank and toe. 2000 - Still eroding, steeply dipping foresets in the toe are falling off. 2010 - Some new erosion and some new deposition. Eddy current off the upstream rock. 2011 - Still plenty of berm left. 2015: No observed changes. [2015 Site ID: SAC 122-0 R]					

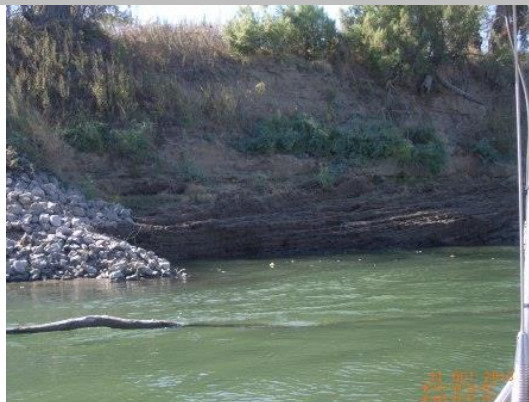
Photo 1 of 1 : SP_2018_NA0016_435_2_20180306_00002.jpg



USACE 2013 Photo #1

LM Start	29.96	Rating **	M	Issue No.	13
LM End	30.00	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			39.065886 °	39.066287 °
				-121.842950 °	-121.843602 °
DWR ID	DWR_NA0016_01_s_2018_13				
Comment Code					
Inspector Comment					
2002 - Upstream end has recent slope failure and exposure of tree roots. 2003 - Some new minor slope erosion with new snags on the bank. 2004 - Appears a little worse. 2005 - Scallop in bank at the upstream end looks worse. 2009 - Minimal new erosion, Berm width is still large, but one large event or one fallen tree and it could go fast. 2010 - New erosion, bank is nearly all vertical from slumping. Site looks bad. 2011 - Site continues to look bad. 2012 - Minor new erosion. 2015: Undermining of toe rock. [2015 Site ID: SAC_122-3_R]					

Photo 1 of 1 : SP_2018_NA0016_435_13_20180306_00012.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
---	--	--	--	--	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

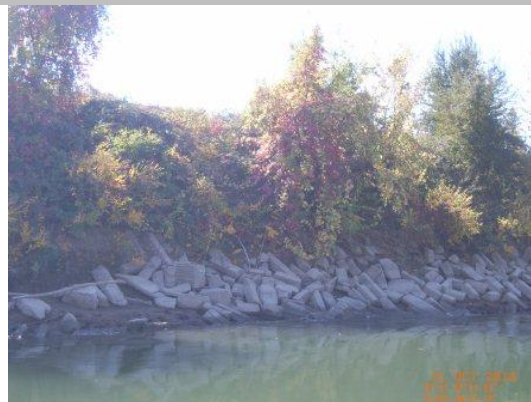
Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	30.49	Rating **	C	Issue No.	130
LM End	30.49	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.070781 °	39.070781 °
				-121.850473 °	-121.850473 °
DWR ID	DWR_NA0016_01_f_2017_130				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on waterside slope.					

No Photos

LM Start	31.43	Rating **	M	Issue No.	17
LM End	31.45	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			39.067004 °	39.066901 °
				-121.866913 °	-121.867322 °
DWR ID	DWR_NA0016_01_s_2016_17				
Comment Code					
Inspector Comment					
1997 - Erosion into the levee section; old concrete rubble loss at toe; transition between the rock upstream and the cobble downstream. 2000 - Cohesive bench with concrete slabs on top; 25 ft deep scour hole on the downstream end. 2015: No observed changes. [2015 Site ID: SAC_123-7_R]					

Photo 1 of 1 : SP_2018_NA0016_435_17_20180306_00015.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	31.94	Rating **	C	Issue No.	80
LM End	31.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.068783 °	39.068783 °	
			-121.875172 °	-121.875172 °	
DWR ID	DWR_NA0016_01_f_2017_80				
Comment Code					
GA : Garbage					
Inspector Comment					

No Photos

LM Start	32.03	Rating **	M	Issue No.	41
LM End	32.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		39.069130 °	39.069130 °	
			-121.876638 °	-121.876638 °	
DWR ID	DWR_NA0016_01_s_2012_41				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	32.08	Rating **	C	Issue No.	131
LM End	32.08	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.069510 °	39.069510 °	
			-121.877611 °	-121.877611 °	
DWR ID	DWR_NA0016_01_f_2017_131				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
--	--	---	--	---	--

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	32.68	Rating **	M	Issue No.	115
LM End	32.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.071454 °	39.071454 °
				-121.888351 °	-121.888351 °
DWR ID	DWR_NA0016_01_s _ 2018_115				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on the waterside slope.					

No Photos

LM Start	32.97	Rating **	M	Issue No.	117
LM End	32.97	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.074245 °	39.074245 °
				-121.891960 °	-121.891960 °
DWR ID	DWR_NA0016_01_s _ 2018_117				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on the landside slope.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

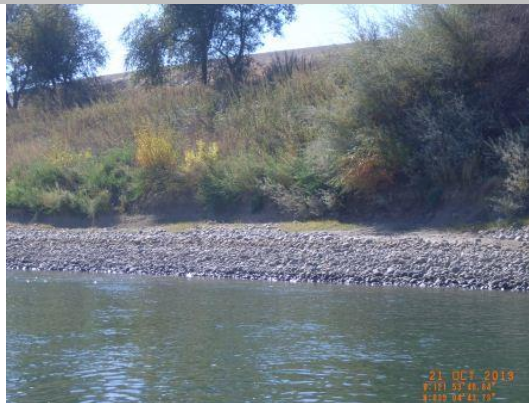
Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	33.29	Rating **	A/W	Issue No.	5
LM End	33.37	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			39.078340 °	39.079351 °
				-121.894656 °	-121.895317 °
DWR ID	DWR_NA0016_01_s _ 2016_5				
Comment Code					
Inspector Comment					
2008 - Slow erosion of the hard toe. 2010 - Cobble rubble is failing, erosion is into the toe of the levee, with vertical slumping. 2012 - Site appears to be relatively stable. 2013 - New animal holes. 2015: No observed changes. [2015 Site ID: SAC_125-6_R]					

Photo 1 of 1 : SP_2018_NA0016_435_5_20180306_00005.jpg



USACE 2013 Photo #1

LM Start	34.11	Rating **	C	Issue No.	132
LM End	34.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.088630 °	39.088630 °
				-121.896439 °	-121.896439 °
DWR ID	DWR_NA0016_01_f _ 2017_132				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree on landside slope. Soil should be filled into root voids.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	34.72	Rating **	A/W	Issue No.	1597
LM End	34.72	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.095621 °	39.095621 °
				-121.897340 °	-121.897340 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10406 DS_ID:20270 EP_NO: 494 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 48-inch corrugated metal drainage pipe through the levee, 23 feet below the crown. Slide gate on concrete headwall on the waterside (WS) end. Walkway provided to control gate. (Permit No. 494, 1930 - S. L. Cecil). (Automatic Board Order (ABO) issued as Permit No. 9363, 1974 - S. L. Cecil). [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 131, May 1960 (HLM 35.18)]. FS Date: 3/18/2013					

Photo 1 of 3 : UCIP_SP_2018_10406_17666.jpg



Walkway to slidegate on WS berm.

LM Start	34.72	Rating **	A/W	Issue No.	1597 (cont)
LM End	34.72	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP_SP_2018_10406_17665.jpg



Inlet in vegetated area off LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	34.72	Rating **	A/W	Issue No.	1597 (cont)	
LM End	34.72	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.095621 °	39.095621 °	
				-121.897340 °	-121.897340 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10406 DS_ID:20270 EP_NO: 494 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 48-inch corrugated metal drainage pipe through the levee, 23 feet below the crown. Slide gate on concrete headwall on the waterside (WS) end. Walkway provided to control gate. (Permit No. 494, 1930 - S. L. Cecil). (Automatic Board Order (ABO) issued as Permit No. 9363, 1974 - S. L. Cecil). [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 131, May 1960 (HLM 35.18)]. FS Date: 3/18/2013						

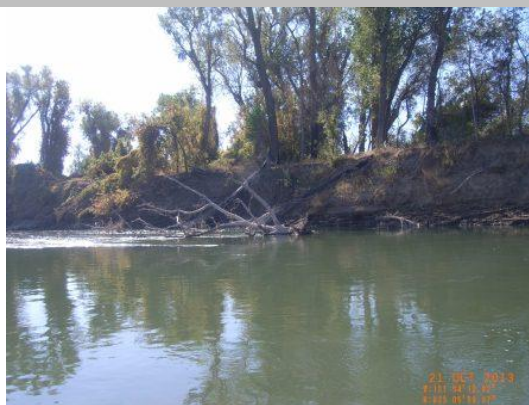
Photo 3 of 3 : UCIP_SP_2018_10406_17664.jpg



Concrete outlet and slide gate at WS toe.

LM Start	35.23	Rating **	A/W	Issue No.	1
LM End	35.33	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			39.099482 °	39.100836 °
				-121.903430 °	-121.904320 °
DWR ID	DWR_NA0016_01_s_2016_1				
Comment Code					
Inspector Comment					
1997 - Major scour off the downstream end of existing rock, creating a scour pocket where the levee starts diverging from the bankline. 2000 - Some minor erosion, 20 ft deep hole at downstream end. 2004 - Small amount of new erosion. 2010 - Bad transition off downstream end of rock revetment, some new erosion. 2012 - Site extended downstream, minor new erosion. 2013- Minor new erosion. 2015: No observed changes. [2015 Site ID: SAC_127-9_R]					

Photo 1 of 1 : SP_2018_NA0016_435_1_20180306_00001.jpg



USACE 2013 Photo #1

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	35.94	Rating **	C	Issue No.	133
LM End	35.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.108670 °	39.108670 °
				-121.909400 °	-121.909400 °
DWR ID	DWR_NA0016_01_f_2017_133				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	36.15	Rating **	M	Issue No.	1600
LM End	36.15	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.111233 °	39.111233 °
				-121.911450 °	-121.911450 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:10426 DS_ID:20345 EP_NO: 9374 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Verify if pipe is abandoned with landowner and remove or abandon properly if necessary. FIELD_STRUCT_DESC: *ABANDONED* 3 of 3: 24-inch concrete encased steel drainage pipe through the levee, 17 feet below the crown. Slide gate on concrete headwall on waterside (WS) end. Walkway to control gate and gate valve on landside (LS) end. (24-inch pipe [HLM 36.61] authorized under Automatic Board Order (ABO) issued as Permit No. 9374, 1974 - Richard H. Moore). [Additional Reference(s): USACE Sacramento O&M Manual 131, May 1960 (HLM 36.61)]. FS Date: 3/18/2013					

Photo 1 of 3 : UCIP_SP_2018_10426_17705.jpg



Slide gate on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	36.24	Rating **	C	Issue No.	134
LM End	36.24	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.112379 °	39.112379 °	
			-121.912282 °	-121.912282 °	
DWR ID	DWR_NA0016_01_f_2017_134				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	37.66	Rating **	C	Issue No.	135
LM End	37.66	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.126393 °	39.126393 °	
			-121.927835 °	-121.927835 °	
DWR ID	DWR_NA0016_01_f_2017_135				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	40.23	Rating **	M	Issue No.	136
LM End	40.23	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		39.142277 °	39.142277 °	
			-121.921853 °	-121.921853 °	
DWR ID	DWR_NA0016_01_f_2017_136				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	40.73	Rating **	M	Issue No.	118
LM End	42.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.147787 °	39.161968 °
				-121.918415 °	-121.935808 °
DWR ID	DWR_NA0016_01_s _ 2018_118				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	40.73	Rating **	M	Issue No.	122
LM End	41.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.147793 °	39.152923 °
				-121.918413 °	-121.921496 °
DWR ID	DWR_NA0016_01_s _ 2018_122				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	41.08	Rating **	A/W	Issue No.	1606
LM End	41.08	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			39.152347 °	39.152347 °
				-121.920610 °	-121.920610 °
DWR ID					

Comment Code

Inspector Comment

FS_ID:10535
DS_ID:20288
EP_NO: N/A
Repair Type: No Action Needed
Crossing Status: Found
UCIP Comments:
FIELD_STRUCT_DESC: 24-inch drainage pipe of an unknown material through the levee, 19 feet below the crown. 6-foot diameter corrugated metal standpipe on the landside (LS) toe. Pump and 24-inch pipe on the LS. Slide gate in corrugated metal riser unit on waterside (WS) slope. Concrete block wall at WS toe for discharge line. (Modified under Permit No. 8587, 1973 - Anthony E. Steidlmayer). [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 131, May 1960 (HLM 41.56)].
FS Date: 3/21/2013

LM Start	41.08	Rating **	A/W	Issue No.	1606 (cont)
LM End	41.08	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP_SP_2018_10535_17877.jpg



Slide gate in CMP riser on WS slope.

Photo 2 of 3 : UCIP_SP_2018_10535_17876.jpg



6-foot diameter CMP riser with slide gates on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	41.08	Rating **	A/W	Issue No.	1606 (cont)	
LM End	41.08	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			39.152347 °	39.152347 °	
				-121.920610 °	-121.920610 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:10535 DS_ID:20288 EP_NO: N/A Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 24-inch drainage pipe of an unknown material through the levee, 19 feet below the crown. 6-foot diameter corrugated metal standpipe on the landside (LS) toe. Pump and 24-inch pipe on the LS. Slide gate in corrugated metal riser unit on waterside (WS) slope. Concrete block wall at WS toe for discharge line. (Modified under Permit No. 8587, 1973 - Anthony E. Steidlmayer). [Additional Reference(s): DWR Levee Log, 2006. USACE Sacramento O&M Manual 131, May 1960 (HLM 41.56)]. FS Date: 3/21/2013						

Photo 3 of 3 : UCIP_SP_2018_10535_17875.jpg



24-inch CMP at connection to CMP riser on LS toe.

LM Start	42.73	Rating **	A/W	Issue No.	146
LM End	42.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			39.169949 °	39.169949 °
				-121.938664 °	-121.938664 °
DWR ID	DWR_NA0016_01_f_2015_146				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : SP_2018_NA0016_435_146_20180306_00070.jpg



Slope stability issue due to foot traffic. Spring 2017.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	--	---	--	---

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

LM Start	47.14	Rating **	M	Issue No.	137
LM End	47.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.189682 °	39.189682 °
				-121.981171 °	-121.981171 °
DWR ID	DWR_NA0016_01_f_2017_137				
Comment Code					
TR : Tree or limb					
Inspector Comment					

No Photos

LM Start	47.62	Rating **	A/W	Issue No.	3
LM End	47.77	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			39.193769 °	39.195595 °
				-121.987901 °	-121.988621 °
DWR ID	DWR_NA0016_01_s_2016_3				
Comment Code					
Inspector Comment					
2010 - Old cobble site starting to unravel at toe. 2011 - Cobbles continue to unravel. 2013 - Site extended downstream to revetment. 2015: No observed changes. [2015 Site ID: SAC_141-5_R]					

Photo 1 of 1 : SP_2018_NA0016_435_3_20180306_00003.jpg



USACE 2013 Photo #1

LM Start	49.46	Rating **	M	Issue No.	19
LM End	49.57	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2015 USACE Erosion Survey, DRAFT			39.213608 °	39.213869 °
				-121.997543 °	-121.999641 °
DWR ID	DWR_NA0016_01_s_2016_19				
Comment Code					
Inspector Comment					
2011 - Multiple scallops, one tree pop out. Old cobble site starting to unravel at midbank. 2012 - Mid bank slumping continues to worsen but cobble at the toe appears stable. 2015: No observed changes. [2015 Site ID: SAC_143-5_R]					

Photo 1 of 1 : SP_2018_NA0016_435_19_20180306_00016.jpg



USACE 2013 Photo #1

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2018

Sacramento River West Side Levee District

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Right	49.64	03/21/2018 03/26/2018	Zach Jojola

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable N : Not Inspected/Rated M : Minimally Acceptable C : Corrected U : Unacceptable A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
--	---	---